



Web App Design with React Week 13 Coding Assignment

Points possible: 70

Category	Criteria	% of Grade
Functionality	Does the code work?	25
Organization	Is the code clean and organized? Proper use of white space, syntax, and consistency are utilized. Names and comments are concise and clear.	25
Creativity	Student solved the problems presented in the assignment using creativity and out of the box thinking.	25
Completeness	All requirements of the assignment are complete.	25

Instructions: In VS Code, or an IDE of your choice, write the code that accomplishes the objectives listed below. Ensure that the code compiles and runs as directed. Take screenshots of the code and of the running program (make sure to get screenshots of all required functionality) and paste them in this document where instructed below. Create a new repository on GitHub for this week's assignments and push this document, with your JavaScript project code, to the repository. Add the URL for this week's repository to this document where instructed and submit this document to your instructor when complete.

Coding Steps:

1. Using create-react-app, create a new React project.
2. Create a LoginForm component that should contain username and password input fields, an h3 that says Log In, and a border. Style the component using the default generated css file.
3. Create a Navigation component that contains links styled like a navbar. The links don't have to go anywhere.
4. Put the Navigation component at the top of the page and the LoginForm in the center of the page.

Screenshots of Code:



PROMINEO TECH

```
File Edit Selection View Go Run Terminal Help index.css - login-app - Visual Studio Code

# index.css U X JS index.js U index.html U JS Navbar.js U JS Loginform.js U

src > # index.css > .btn

1 body {
2   margin: 0;
3   font-family: -apple-system, BlinkMacSystemFont, 'Segoe UI', 'Roboto', 'Oxygen',
4     'Ubuntu', 'Cantarell', 'Fira Sans', 'Droid Sans', 'Helvetica Neue',
5     sans-serif;
6   -webkit-font-smoothing: antialiased;
7   -moz-osx-font-smoothing: grayscale;
8 }
9
10 code {
11   font-family: source-code-pro, Menlo, Monaco, Consolas, 'Courier New',
12     monospace;
13 }
14
15 /* We will add some css elements to style our app */
16 .navbar {
17   background-color: #44318d;
18 }
19
20 .navbar-brand, .nav-link, .nav-link active {
21   color: white;
22 }
23
24 .container {
25   margin-top: 3rem;
26   padding: 15px;
27   border: solid 2px black;
28 }
29
30 .btn {
```

```
File Edit Selection View Go Run Terminal Help index.css - login-app - Visual Studio Code

# index.css U X JS index.js U index.html U JS Navbar.js U JS Loginform.js U

src > # index.css > .btn

30 .btn {
31   background-color: #44318d;
32   color: white;
33 }
34
```

```
File Edit Selection View Go Run Terminal Help index.js - login-app - Visual Studio Code

# index.css U JS index.js U X index.html U JS Navbar.js U JS Loginform.js U

src > JS index.js > ...

1 import React from 'react';
2 import ReactDOM from 'react-dom/client';
3 import './index.css';
4 import Navbar from './components/Navbar';
5 import Loginform from './components/Loginform';
6
7
8 const root = ReactDOM.createRoot(document.getElementById('root'));
9 root.render(
10   <React.StrictMode>
11     <Navbar />
12     <Loginform />
13   </React.StrictMode>
14 );
15
16 // If you want to start measuring performance in your app, pass a function
17 // to log results (for example: reportWebVitals(console.log))
18 // or send to an analytics endpoint. Learn more: https://bit.ly/CRA-vitals
19
20
```



PROMINEO TECH

```
File Edit Selection View Go Run Terminal Help index.html - login-app - Visual Studio Code

# index.css U # JS index.js U index.html U X # JS Navbars.js U # JS Loginform.js U

public > index.html > html > body
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="utf-8" />
5   <link rel="icon" href="%PUBLIC_URL%/favicon.ico" />
6   <meta name="viewport" content="width=device-width, initial-scale=1" />
7   <title>React App</title>
8   <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0/dist/css/bootstrap.min.css" rel="stylesheet" integrity
9 </head>
10 <body>
11   <div id="root"></div>
12
13
14
15
16   <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0/dist/js/bootstrap.bundle.min.js" integrity="sha384-A3
17 </body>
18 </html>
19
```

```
File Edit Selection View Go Run Terminal Help Navbars.js - login-app - Visual Studio Code

# index.css U # JS index.js U index.html U # JS Navbars.js U X # JS Loginform.js U

src > components > JS Navbars.js > Navbars > render
1 // export default Navbars;
2
3 import React, { Component } from 'react'
4
5
6 export default class Navbars extends Component {
7   render() {
8     return (
9       <nav className="navbars navbars-expand-lg">
10         <div className="container-fluid">
11           <a className="navbars-brand" href="#">KANSY</a>
12           <button className="navbars-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarsNav"
13             <span className="navbars-toggler-icon"></span>
14         </div>
15       <div className="collapse navbars-collapse" id="navbarsNav">
16         <ul className="navbars-nav">
17           <li className="nav-item">
18             <a className="nav-link" aria-current="page" href="#">Home</a>
19           </li>
20           <li className="nav-item">
21             <a className="nav-link" href="#">Presentation</a>
22           </li>
23           <li className="nav-item">
24             <a className="nav-link" href="#">Services</a>
25           </li>
26           <li className="nav-item">
27             <a className="nav-link" href="#">Contact</a>
28           </li>
29         </ul>
30       </div>
31     )
32   }
33 }
34
35
36
37
```

```
File Edit Selection View Go Run Terminal Help Navbars.js - login-app - Visual Studio Code

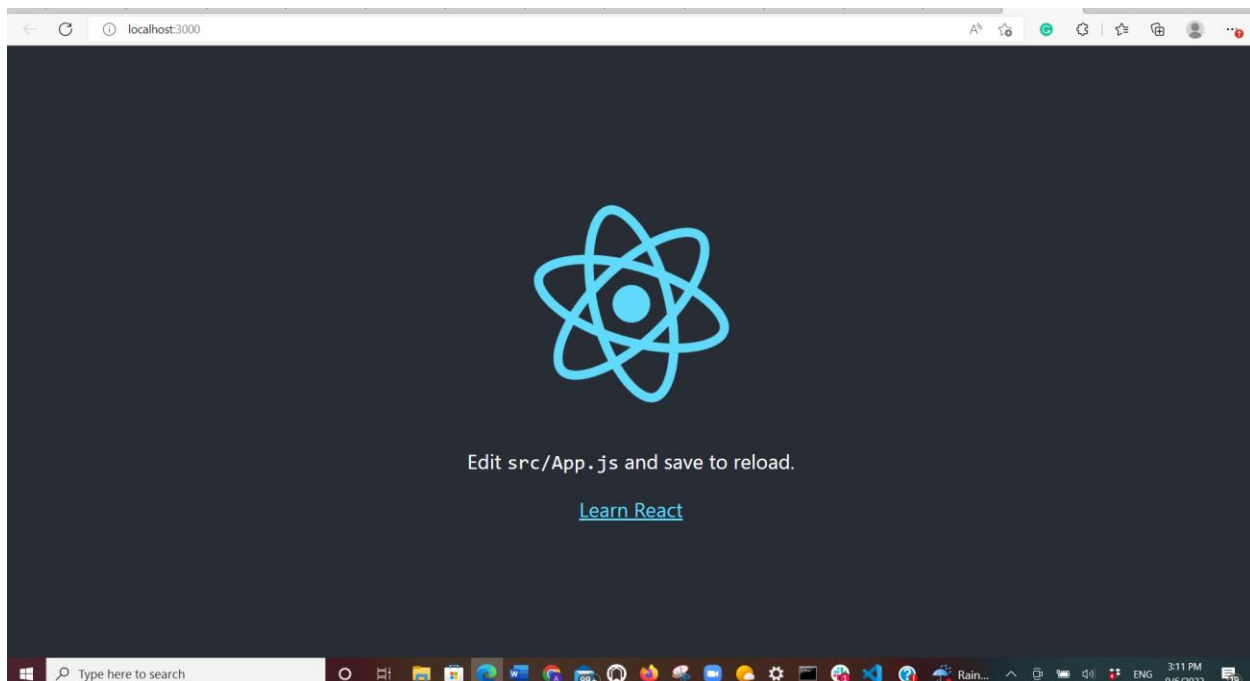
# index.css U # JS index.js U index.html U # JS Navbars.js U X # JS Loginform.js U

src > components > JS Navbars.js > Navbars > render
27   <a className="nav-link" href="#">Contact</a>
28   </li>
29   </ul>
30   </div>
31   </div>
32   </nav>
33   </div>
34   </div>
35   </div>
36   </div>
37
```



```
1 import React, { Component } from 'react'
2
3
4 export default class Loginform extends Component {
5   render() {
6     return (
7       <div className='container'>
8         <h3>Log In</h3>
9         <form>
10           <div className='mb-3'>
11             <label for='username' className='form-label'>Username</label>
12             <input type='text' className='form-control' id='username' aria-describedby='emailHelp' />
13           </div>
14           <div className='mb-3'>
15             <label for='password' className='form-label'>Password</label>
16             <input type='password' className='form-control' id='exampleInputPassword1' />
17           </div>
18           <button type='submit' className='btn'>Submit</button>
19         </form>
20       </div>
21     )
22   }
23 }
24
```

Screenshots of Running Application:





PROMINEO TECH

Windows PowerShell

```
valid.md  jsx-a11y/anchor-is-valid
```

Search for the [keywords](#) to learn more about each warning.
To ignore, add `// eslint-disable-next-line` to the line before.

WARNING in [eslint]

src\components\Navbar.js

Line 11:12: The href attribute requires a valid value to be accessible. Provide a valid, navigable address as the href value. If you cannot provide a valid href, but still need the element to resemble a link, use a button and change it with appropriate styles. Learn more: <https://github.com/jsx-eslint/eslint-plugin-jsx-a11y/blob/HEAD/docs/rules/anchor-is-valid.md> [jsx-a11y/anchor-is-valid](#)

Line 18:12: The href attribute requires a valid value to be accessible. Provide a valid, navigable address as the href value. If you cannot provide a valid href, but still need the element to resemble a link, use a button and change it with appropriate styles. Learn more: <https://github.com/jsx-eslint/eslint-plugin-jsx-a11y/blob/HEAD/docs/rules/anchor-is-valid.md> [jsx-a11y/anchor-is-valid](#)

Line 21:12: The href attribute requires a valid value to be accessible. Provide a valid, navigable address as the href value. If you cannot provide a valid href, but still need the element to resemble a link, use a button and change it with appropriate styles. Learn more: <https://github.com/jsx-eslint/eslint-plugin-jsx-a11y/blob/HEAD/docs/rules/anchor-is-valid.md> [jsx-a11y/anchor-is-valid](#)

Line 24:12: The href attribute requires a valid value to be accessible. Provide a valid, navigable address as the href value. If you cannot provide a valid href, but still need the element to resemble a link, use a button and change it with appropriate styles. Learn more: <https://github.com/jsx-eslint/eslint-plugin-jsx-a11y/blob/HEAD/docs/rules/anchor-is-valid.md> [jsx-a11y/anchor-is-valid](#)

Line 27:12: The href attribute requires a valid value to be accessible. Provide a valid, navigable address as the href value. If you cannot provide a valid href, but still need the element to resemble a link, use a button and change it with appropriate styles. Learn more: <https://github.com/jsx-eslint/eslint-plugin-jsx-a11y/blob/HEAD/docs/rules/anchor-is-valid.md> [jsx-a11y/anchor-is-valid](#)

webpack compiled with 1 warning

localhost:3000

KANSY Home Presentation Services Contact

Log In

Username

Password

Submit



PROMINEO TECH

Log In

Username

Password

Log In

Username

Password

URL to GitHub Repository: